To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<table>
<thead>
<tr>
<th>1. Name of conveying party(ies):</th>
<th>2. Name and address of receiving party(ies):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yoshikumi MIYAMOTO</td>
<td>Name: Sanyo Electric Co., Ltd.</td>
</tr>
<tr>
<td>Yoshinobu OKUMURA</td>
<td>Street Address: 5-5, Keihanhondori 2-chome, Moriguchi-shi</td>
</tr>
<tr>
<td>Jun OKAZAKI</td>
<td></td>
</tr>
<tr>
<td>Ryuji OHSHITA</td>
<td>City: Osaka</td>
</tr>
<tr>
<td>Hitoshi TANAKA</td>
<td>State/Country: Japan</td>
</tr>
<tr>
<td>Additional name/s of conveying party(ies) attached?</td>
<td>Zip:</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Nature of conveyance:  
- Assignment  
- Security Assignment  
- Change of Name  
- Other  

Execution Date: February 9, 10, 27, 2004

4. Application number(s) or patent number(s):  
  (1) 10/781,948  
  (2)  
  (3)  
- B. Patent No(s).  
  (1)  
  (2)  
  (3)  

Additional numbers attached  
- Yes  
- No

5. Name and address of party to whom correspondence concerning document should be mailed:  
- Name: Arthur R. Crawford  
- Internal Address:  
- Street Address: Nixon & Vanderhye P.C.  
  1100 North Glebe Road  
  8th Floor  
- City: Arlington  
- State: VA  
- Zip: 22201

6. Total number of applications & patents involved:  

7. Total fee (37 CFR 3.41)  
- $40.00  
- Enclosed  
- Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

- Name of Person Signing  
  Arthur R. Crawford  
  Reg. No. 25,327  
- Signature  
- Date  
  June 14, 2004

Total number of pages including original cover sheet, attachments, and document: 3

06/16/2004 HLE333 00000073 10781948  
03 FC:8021 40.00 DP

PATENT
REEL: 015463 FRAME: 0627
In consideration of the sum of one dollar ($1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) SANYO ELECTRIC CO., LTD
(Address) (of 5-5, Keihanhonburi 2-chome, Moriyuchi-shi, Osaka Japan)
(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of
(Other Countries) (in the invention, and all application for patent and any Letters Patent which may be granted therefor, known as
(Title) NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY AND MANUFACTURING
(Case No. 4496-3) METHODS OF AN ELECTRODE USED THEREIN
for which the undersigned has (have) executed on even date herewith an application for
application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).